

MASSACHUSETTS FARMER



OFFICIAL ORGAN OF THE
NEW ENGLAND AGRICULTURAL SOCIETY.

BOSTON, SATURDAY, JUNE 29, 1878.

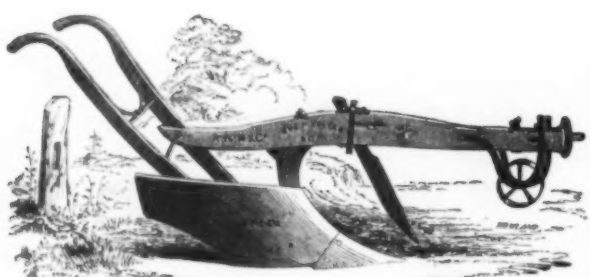
FLOUGMAN BUILDING, NO. 45 RILEY STREET,
CORNER OF DEVONSHIRE ST.

FARMING Implements and Machines,

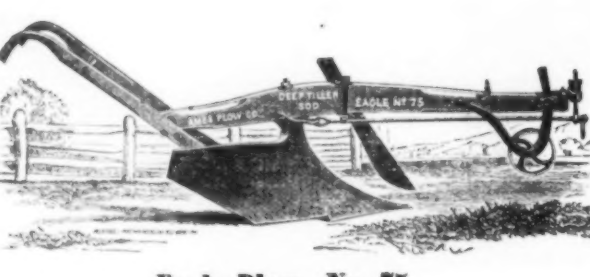
MANUFACTURED BY
AMES PLOW COMPANY,
WAREHOUSES:
Quincy Hall, Boston, & 53 Beekman St., N. Y.
FACORIES:
WORCESTER AND AYER, MASS.



The Centennial Swivel Plow.



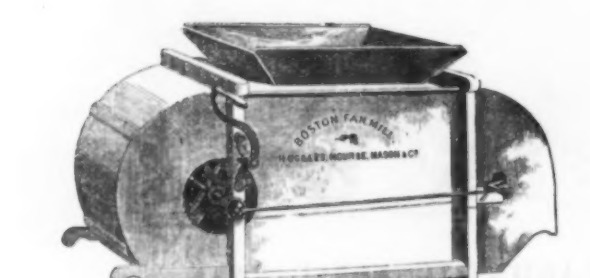
Steel Plow.



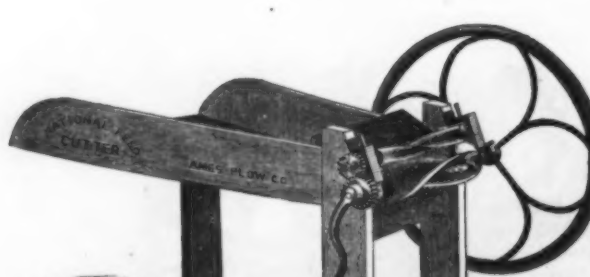
Eagle Plow, No. 75.



Champion Haymaker Mower.



Boston Fan Mill.



National Feed Cutter.

NEW ENGLAND AGRICULTURAL FAIR, 1878.

TO BE HELD AT WORCESTER, MASS.

Premium List of the Fifteenth Annual Exhibition

NEW ENGLAND AGRICULTURAL SOCIETY,

WORCESTER AGRICULTURAL SOCIETY,

TUESDAY, WEDNESDAY, THURSDAY and FRIDAY, September 3d, 4th, 5th and 6th, 1878,

ON THE GROUNDS OF THE

WORCESTER AGRICULTURAL SOCIETY AND AT MECHANICS' HALL,
WORCESTER, MASS.

No Entry Fee Except for Horses.

OFFICERS
OF THE
NEW ENGLAND AGRICULTURAL SOCIETY,
FOR THE YEAR 1878.

PRESIDENT.
GEORGE B. LORING, Salem, Mass.

VICE PRESIDENTS.

JOHN HALL, North Berwick, Me.
FREDERICK SMITH, Manchester, N. H.
GEORGE CAMPBELL, Westminster, Vt.

S. B. PUNNETT, Barnstable, Mass.
WILLIAM E. BARNETT, Providence, R. I.
E. H. HYDE, Sheffield, Conn.

SECRETARY.

DANIEL NEEDHAM, Boston, Mass.

TREASURER.

CEO. W. RIDDLE, Manchester, N. H.

TRUSTEES.

CHARLES J. GILMAN, Brunswick, Me.
J. S. DAVIS, Burlington, Vt.
ROBERT KNIGHT, Portland, Me.
W. G. GRIFF, Manchester, N. H.
W. S. TILSON, Augusta, Me.
WALDO T. PIERCE, Bangor, Me.

FRED ATWOOD, Winterport, Me.
T. P. BARNES, Portland, Me.
N. R. BOUTWELL, Waterville, Me.
S. C. SHIPLEY, Bangor, Me.
S. S. THURGOOD, Portland, Me.

NEW HAMPSHIRE.

D. H. GOODALE, Andover, N. H.
WARREN BROWN, Hampton Falls, N. H.
A. W. GRIFF, Manchester, N. H.
N. E. HARRIS, Hooksett, N. H.
S. C. FISH, Dover, N. H.
PETER W. JONES, Amherst, N. H.

CHARLES PIERCE, Cornish, N. H.
NATHANIEL HARRIS, Cornish, N. H.
GREENLEAF CLARK, Alton, N. H.
WATERMAN SMITH, Manchester, N. H.

VERMONT.

A. E. PERKINS, Pomfret, Vt.
J. S. DAVIS, Burlington, Vt.
LAWRENCE BRADSHAW, St. Albans, Vt.
C. H. HARRIS, Rutland, Vt.
FRANKLIN FAIRBANKS, St. Johnsbury, Vt.
F. D. DUDMAN, Whitehall, Vt.

SAMUEL C. OLIVER, Salem, Vt.
J. S. DAVIS, Burlington, Vt.
W. C. COOK, Foxboro, Vt.
LEVI STOCKBRIDGE, Amherst, Vt.
GEO. NOTES, Boston, Mass.

MAINE.

AMASA SPRAGUE, Cranston, R. I.
ORLANDO BROWN, Providence, R. I.
WILLIAM H. BROWN, East Providence, R. I.
WILLIAM E. BARNETT, Providence, R. I.
JOSEPH F. BROWN, Providence, R. I.

ED. S. BROWN, New York, N. Y.
JOHN T. ROCKWELL, Windsor, Vt.
F. HARRIS, Rutland, Vt.
P. M. ADAMS, Middlefield, Vt.
J. J. WARD, New Haven, Conn.

CONNECTICUT.

S. H. BROWN, Bolton, Mass.
JOHN JOHNSON, Framingham, Mass.
C. B. FRACY, Worcester, Mass.
A. A. HAYWOOD, Littleton, Mass.
W. F. BOND, Mansfield, Mass.
LEANDER WHEELER, Boston, Mass.

W. H. WATSON, Cedar Grove, Mass.
W. F. VANDER, Southfield, Mass.
GEO. W. WARREN, New York, N. Y.

OFFICERS
OF THE
WORCESTER AGRICULTURAL SOCIETY,
FOR THE YEAR 1878.

PRESIDENT.
CHARLES B. PRATT, of Worcester.

VICE PRESIDENTS.

STEPHEN SALISBURY, Jr., of Worcester.
HARVEY DODGE, of Sutton.

SECRETARY AND TREASURER.
GEORGE H. ESTABROOK, of Worcester.
(Office, No. 6 Beane Hall.)

DELEGATE TO STATE BOARD.
O. B. HADWEN, of Worcester.

CHIEF MARSHAL.
CHARLES B. PRATT, of Worcester.

ASSISTANT MARSHALS (STATE).
WALDO T. PIERCE, of Bangor, Me.
COL. E. C. SHIPLEY, of Ogdensburg, N. H.
COL. FRANKLIN, of Fayetteville, Vt.

COMMITTEE OF RECEIPTION.
HON. CHAS. B. PRATT, of Worcester.
HON. HENRY DAVIS, of Worcester.
HON. ALFRED H. BULLOCK, of Worcester.
HON. D. WALDO LINCOLN, of Worcester.
HON. CLARK JILLON, of Worcester.

COMMITTEE OF THE FAIR.
JOHN B. FALWING, of Worcester.
FERDINAND GAGNON, of Worcester.
JOHN H. JEWETT, of Worcester.
CHAS. H. DOD, of Worcester.
CHAS. C. BALDWIN, of Worcester.

SUPERINTENDENT OF HORSE DEPARTMENT.
WINSLOW S. LINCOLN.

SUPERINTENDENT OF CATTLE DEPARTMENT.
EPHRAIM F. C. CHAMBERLAIN.

SUPERINTENDENT OF MECHANICS' HALL.
WILLIAM T. MERRIFIELD.

SUPERINTENDENT OF AGRICULTURAL HALL.
ORADIAN B. HADWEN.

GENERAL ARRANGEMENT.

1. The Fifteenth Annual Exhibition of the New England Agricultural Society, will be held in connection with the Worcester Agricultural Society at their grounds in the city of Worcester, Tuesday, Wednesday, Thursday, and Friday, Sept. 3d, 4th, 5th, and 6th, 1878. All entries of live stock must be made on or before August 25th, 1878.

2. The grounds are of easy access, and but a short distance from the railroad station.

3. Premiums have been so arranged that all reasonable anticipations may be satisfied. Judges have been selected with care to perform the delicate and responsible duties assigned them.

4. Hotel accommodations are ample, at reasonable rates. The citizens generally will see that all are accommodated.

5. The gates will be open for the admission of the public from 8 A. M. until sundown on each day.

6. The Marshal and Superintendents of the various classes will meet at the President's Headquarters at 10 o'clock on the morning of each day, to perfect arrangements for the day, except as hereinafter mentioned.

The various local officers of the Fair will wear badges when upon duty.

Superintendent.

The General Superintendent and supervision of the grounds will be under the control and direction of the President of the Worcester Agricultural Society. He will establish an office on the grounds, where all persons having inquiries to make will apply.

The Judges.

1. The Judges and guests are requested to report themselves at the office of the Secretary, at the entrance of the grounds, where cards of admission, etc., will be furnished.

2. The Judges will be announced at the President's quarters, on Tuesday the 3rd day of September, at 10 o'clock A. M., when the books of entries will be delivered, and a regular meeting of the Trustees and Judges will be held at the President's Headquarters, at 9 A. M., each day of the Fair, and on the evening of Monday, Sept. 2d, at 8 P. M.

3. Due notice will be given, through the Secretary, to Judges and exhibitors, of the time for examination of animals and articles entered for competition and premiums.

4. The Judges will report, not only the animals and articles entitled to premiums, but also those next in merit, and the contingencies of any objection, which may arise to the awards, and also that they may receive commendation. Any animal or article which, in the opinion of the Judges deserves a special commendation, will also be reported to the Secretary.

5. Regard will be paid to purity of blood, as established by pedigree, symmetry, size, and general characteristics, of the several breeds of animals; and the Judges will make proper allowance for age, feeding and other circumstances. They are expressly required not to give encouragement to over-fed animals in the breeding classes.

6. If not satisfied to the regularity of the entries in their respective classes, they will apply to the Secretaries for information, and should there be any doubt, after examination, or if the animal or article is of such character as to not be entitled to exhibition, they will report the facts to the Secretaries, for the consideration of the Board of Trustees and Executive Committee, that such course may be adopted as they may require.

7. Medals awarded by the Judges on miscellaneous articles must receive the approval of the Executive Officers.

8. No person who is an exhibitor can act as judge on the class in which he exhibits. And during the examination of the Judges, if any person interferes with them, by letter or otherwise, he will be excluded from the competition. But exhibitors, when requested, are expected to make verbal or written statements concerning their contributions.

9. As one great object of the association is to collect valuable information upon the

take or fraud. Appeals to the Board, from the decisions of the Awarding Committee must be in writing, and must state clearly the reason for, and facts by which it is proposed to establish the appeal.

Prices of Admission.

28. For single admission to the Fair Ground, 50 cents.
For single admission to Mechanics Hall, 25 cents.
Admission to the Grand Stand, an extra charge of 25 cents.
For a two-horse vehicle, 50 cents.
For a single horse and carriage, 25 cents. (Driver and each person in carriage will be required to present his ticket at the gate.)
Life Membership in New England Agricultural Society, \$5.00.
Life Membership in Worcester Agricultural Society, \$5.00.

Entrance Fees.

29. All entries of stock and articles for Premium or exhibition at this Fair will be FREE, except for horses entered for premium, on which an entrance fee of ten per cent upon the aggregate amount of premiums on each number of the class will be charged; but all persons making entries will be required to purchase tickets of admission to the Fair Grounds, unless they are members of the New England Agricultural Society.

Premiums.

30. Premiums will not be paid on animals or articles removed from the exhibition unless such removal has the special approval of the President and Secretaries of the Society.

All premiums of the joint societies will be paid by the Treasurer who will not pay premium until sixty days after the exhibition; these will be paid at his office, and he will forward any premium not so paid in such manner as the person entitled to the same may direct, the following provision having been adopted, that all premiums awarded may be liable to pro rata reduction, sufficient to meet any deficiency that may occur in the receipts, to meet said premiums and other expenses. The diplomas of the joint societies are in all cases evidence of superior merit, and Judges are required to bear this in mind in awarding them. Any person entitled to a premium of twenty dollars or more, can, at his option, accept a silver medal therefor.

Guests.

31. The invited guests will please report themselves, on their arrival, at the President's Headquarters, where the Committee of Reception will be in session, and will extend to them every attention.

For the convenience of editors and reporters of the press, accommodations will be provided, and every facility will be afforded them to obtain and transmit information, and they are requested to announce themselves on arrival, and to present their names or credentials at the Secretary's office on the grounds, where they will be furnished with cards of admission.

Telegraph offices are established on the Fair Grounds.

Railroads.

Notice of arrangements with Railroads to be published at an early day.

Schedule of Premiums.

CLASS I—CATTLE.

NO. 1.—SHORTHORN STOCK.
Notice of the intention to exhibit stock, and all other contributions, should be sent to Col. Daniel Needham, Secretary of the New England Agricultural Society, 45 RILEY STREET, BOSTON, or to G. H. KILBROOK, Secretary of the Worcester Agricultural Society, No. 6 BEEBE HALL, WORCESTER, MASS., prior to Aug. 25th, 1878, that suitable arrangements may be made for their accommodation.

All entries of live stock must be made on or before August 25th, 1878. This rule is imperative.

The Executive Committee of the joint societies are of the opinion that the most important objects connected with cattle breeding in this section of the United States, would arise upon the Committee on Short-horn cattle, and would therefore call their attention to the form, structure, and quality which have been found in the best families of milkers in this breed of cattle.

Full and satisfactory pedigrees, in every instance, should be furnished to the Secretary at the time the entry is made.

SWEETSTAKE PREMIUM.
The best cow of the same breed, also one for the best bull of the same breed, and one for the best steer of the same breed, to be selected by the Committee on Short-horn cattle, and to be awarded to the owner of the best animal of each sex and breed, as determined by the Committee on Short-horn cattle, and to be awarded to the owner of the best animal of each sex and breed, as determined by the Committee on Short-horn cattle.

HEIFER PREMIUM.
For the best Shorthorn Heifer, not less than four, or more than six years old, and not less than one year old, belonging to any one person, first premium, \$25.00; second, \$15.00; third, \$10.00.

BULLS AND SHOW STOCK.
For the best Bull, four years old and upward, with specimen of his stock not less than five in number, \$50.00.

BULLS.
Three years old with specimen of his stock of five in number, \$25.00.
First premium, \$25.00.
Second, \$15.00.
Third, \$10.00.

COWS AND HEIFERS.
Best Cow, four years old and under four, \$25.00.
Second, \$15.00.
Third, \$10.00.
Best Heifer, two years old and under three, \$15.00.
Second, \$10.00.
Third, \$5.00.

CLASS II—WORKING OXEN.
Best yoke, six years old and over, \$25.00.
Second, \$15.00.
Third, \$10.00.
Best yoke, five years old and under six, \$15.00.
Second, \$10.00.
Third, \$5.00.

CLASS III—HORSES.
An entrance fee of ten per cent upon the aggregate amount of premiums on each number in this class will be charged upon all horses. In setting the speed of each animal, four years old and over is to go to carriage, to work, including driver, not less than two hundred pounds at starting. In making the awards in this class, the general good qualities, such as style, action, constitution, and enduring power, as well as the speed of the animal, are to be taken into consideration.

NO. 10.—STALLIONS FOR GENERAL USE.
Five years old and over, first premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 11.—STALLIONS TWO YEARS OLD AND UNDER FIVE.
First premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 12.—STALLIONS THREE YEARS OLD AND UNDER FOUR.
First premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 13.—STALLIONS TWO YEARS OLD AND UNDER THREE.
First premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 14.—STALLIONS ONE YEAR OLD AND UNDER TWO.
First premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 15.—MARES.
With foal by their side, first premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 16.—GELDINGS AND MARES.
Sty, action, and neat qualities considered. Five years old and over, first premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 17.—GELDINGS AND FILLIES.
Three years old and under four, first premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 18.—GELDINGS AND FILLIES.
Two years old and under three, first premium, \$15.00; second, \$10.00; third, \$5.00.

NO. 19.—GELDING OR FILLY.
One year old and under two, first premium, \$15.00; second, \$10.00; third, \$5.00.

NO. 20.—MATCHED HORSES.
Speed and style to be considered.

CLASS IV.—SHEEP.
Certificate of age must accompany the entry.

NO. 22.—LONG WOOLLED BUCKS.
Best Buck and ten of his stock, including Corvid, Leicester, etc., \$25.00.
Second, \$15.00.
Third, \$10.00.
Two years old and under three, first premium, \$15.00; second, \$10.00; third, \$5.00.
One year old and under two, first premium, \$10.00; second, \$5.00; third, \$2.50.
Best Lamb, not less than three in number, first premium, \$10.00; second, \$5.00; third, \$2.50.

NO. 23.—MIDDLE WOOLLED.
Including the various Down Sheep. Same premium as for Long Woolled.

NO. 24.—MERINOES.
Same premium as for Long Woolled.

NO. 25.—GRASS SEEDS.

Waldo T. Pierce, of Bangor, Me.; Henry G. Root, of Burlington, Vt.; A. W. Sullivan, of Franklin, N. H.; John. D. Bishop, of Putnam, Conn.; M. J. Abers, of Lynn, Mass.

NO. 17.—GELDINGS AND FILLIES.
Three years old and under four, first premium, \$25.00; second, \$15.00; third, \$10.00.

NO. 18.—GELDINGS AND FILLIES.
Two years old and under three, first premium, \$15.00; second, \$10.00; third, \$5.00.

NO. 19.—GELDING OR FILLY.
One year old and under two, first premium, \$15.00; second, \$10.00; third, \$5.00.

NO. 20.—MATCHED HORSES.
Speed and style to be considered.

First premium, \$25.00; second, \$15.00; third, \$10.00.

The horses must be owned by the exhibitors.

Judges—V. C. Gilman, of Methuen, N. H.; Henry Chase, of Andover, Vt.; Samuel C. Oliver, of Salem, Mass.; Edwin L. Parker, of Providence, R. I.; W. T. Farnham, of Norwich, Conn.; Warren Percival, of Vassalboro, Me.

NO. 21.—DRAFT HORSES.
Best pair Matched Horses, first premium, \$25.00; second, \$15.00; third, \$10.00.

Best pair Matched Horses, first premium, \$25.00; second, \$15.00; third, \$10.00.

Single, first premium, \$10.00; second, \$5.00; third, \$2.50.

Judges—Warren Percival, of Vassalboro, Me.; H. Root, of Burlington, Vt.; N. H. Proper, of Andover, Vt.; Samuel C. Oliver, of Salem, Mass.; W. W. Darling, of Pawtucket, R. I.; John G. Fox, of Putnam, Conn.

CLASS IV.—SHEEP.
Certificate of age must accompany the entry.

NO. 22.—LONG WOOLLED BUCKS.
Best Buck and ten of his stock, including Corvid, Leicester, etc., \$25.00.

Second, \$15.00; third, \$10.00.

Two years old and under three, first premium, \$15.00; second, \$10.00; third, \$5.00.

One year old and under two, first premium, \$10.00; second, \$5.00; third, \$2.50.

Best Lamb, not less than three in number, first premium, \$10.00; second, \$5.00; third, \$2.50.

NO. 23.—MIDDLE WOOLLED.
Including the various Down Sheep.

Same premium as for Long Woolled.

NO. 24.—MERINOES.
Same premium as for Long Woolled.

Same premium as for Long Woolled.

Must have had living lambs the last spring, and suckled lambs for three months in this season. The facts must be certified, and the age of all animals must be given, and satisfactory evidence furnished, that the animals will be computed in the first of September, to determine in what division the animals shall be entered.

PEDIGREE COMMITTEE.
Committee of New England Breeders' Association.

Judges—Albert Chapman, of Middleboro, Vt.; William Smith, of Manchester, N. H.; Thomas Field, of Northfield, Mass.; John G. Fox, of Putnam, Conn.; Wm. Hart, of Cornwall, Conn.; Wm. Sisson, of Farmington, N. H.

CLASS V.—SWINE.

NO. 25.

Large breeds, such as Cheshires, Berkshires, Hampshires, Leicesters, and any sows.

Best Sow, two years old and upward, \$25.00; second, \$15.00; third, \$10.00.

Best Sow, one year old and upward, \$15.00; second, \$10.00; third, \$5.00.

Best Sow, two years old and upward, \$10.00; second, \$5.00; third, \$2.50.

Best Sow, one year old and upward, \$5.00; second, \$2.50; third, \$1.25.

Best litter of pigs over six months old, \$10.00; second, \$5.00; third, \$2.50.

Best litter of piglets six months old, \$5.00; second, \$2.50; third, \$1.25.

Small breeds, such as Neapolitans, Suffolks, Chinas, etc., and any sows.

Best Sow, two years old and upward, \$10.00; second, \$5.00; third, \$2.50.

Best Sow, one year old and upward, \$5.00; second, \$2.50; third, \$1.25.

Best Sow, two years old and upward, \$5.00; second, \$2.50; third, \$1.25.

Best Sow, one year old and upward, \$2.50; second, \$1.25; third, \$0.625.

Best litter of pigs over six months old, \$5.00; second, \$2.50; third, \$1.25.

Best litter of piglets six months old, \$2.50; second, \$1.25; third, \$0.625.

Judges—Wm. Vaughan, of Southbury, Conn.; Theodore Carr, of Northampton, N. H.; D. C. Waterbury, of Northampton, N. H.; E. R. Dyer, of Northampton, N. H.; J. H. E. C. of Northampton, N. H.

CLASS VI.—AGRICULTURAL PRODUCTIONS.

NO. 27.—CORN, WHEAT, OATS AND GRASS SEEDS.

Best trace of corn of not less than twenty-five ears, \$25.00; second, \$15.00; third, \$10.00.

Best bushel spring wheat, \$25.00; second, \$15.00; third, \$10.00.

Best bushel winter wheat, \$25.00; second, \$15.00; third, \$10.00.

Best bushel barley, \$25.00; second, \$15.00; third, \$10.00.

Best bushel buckwheat, \$25.00; second, \$15.00; third, \$10.00.

Best bushel rye, \$25.00; second, \$15.00; third, \$10.00.

Best bushel timothy grass seed, \$25.00; second, \$15.00; third, \$10.00.

Best bushel red top seed, \$25.00; second, \$15.00; third, \$10.00.

Best bushel clover seed, \$25.00; second, \$15.00; third, \$10.00.

Best collection of garden seeds, \$25.00; second, \$15.00; third, \$10.00.

Best bushel field beans, \$25.00; second, \$15.00; third, \$10.00.

Best bushel field peas, \$25.00; second, \$15.00; third, \$10.00.

